

## Data Insights: Covid-2019 Monitor

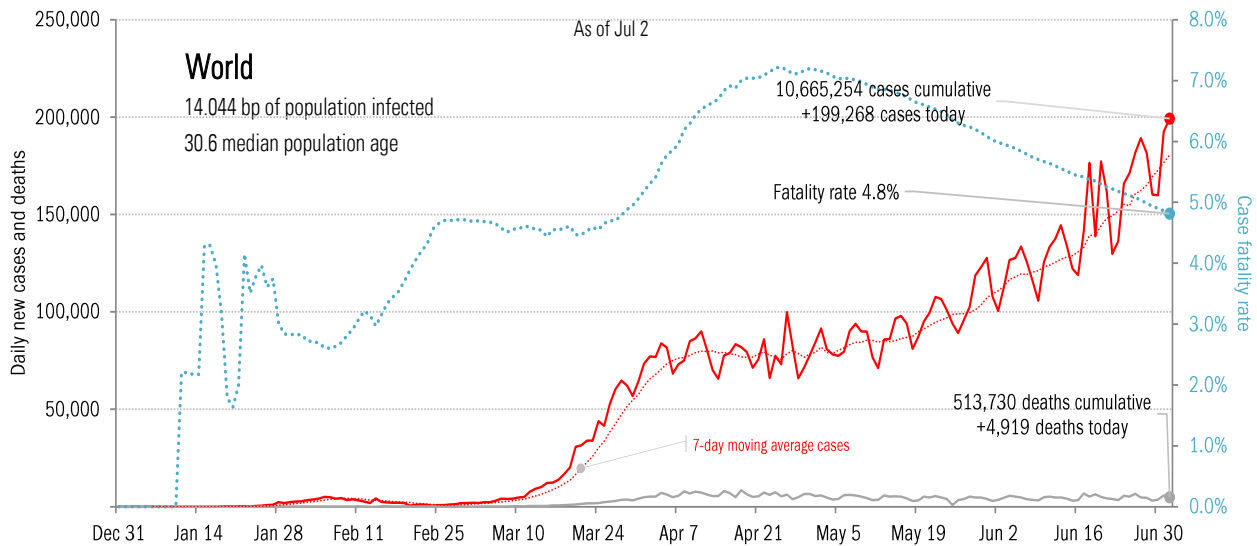
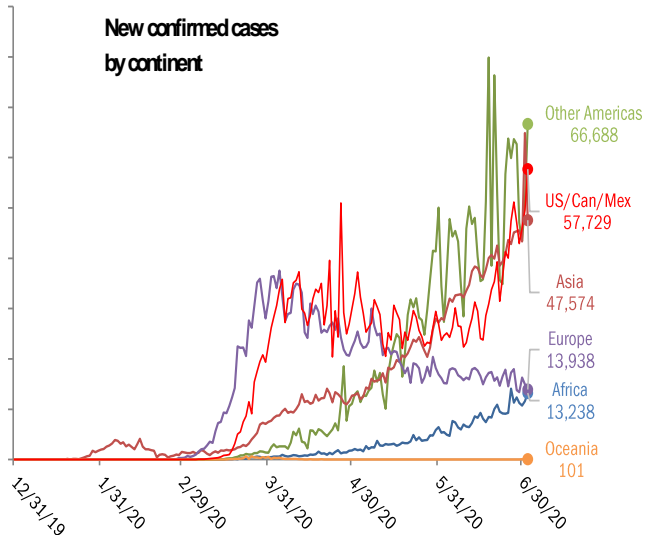
Thursday, July 2, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+52,048	Brazil	+1,038
Brazil	+46,712	Mexico	+741
India	+19,148	US	+652
South_Africa	+8,124	India	+434
Russia	+6,556	Russia	+216
Mexico	+5,681	Peru	+183
Pakistan	+4,339	UK	+176
Colombia	+4,163	Iran	+141
Bangladesh	+3,775	Colombia	+136
Saudi	+3,402	Iraq	+107
<b>+153,948</b>		<b>+3,824</b>	
World	+199,268	World	+4,919
Top ten	77%	Top ten	78%

#### New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

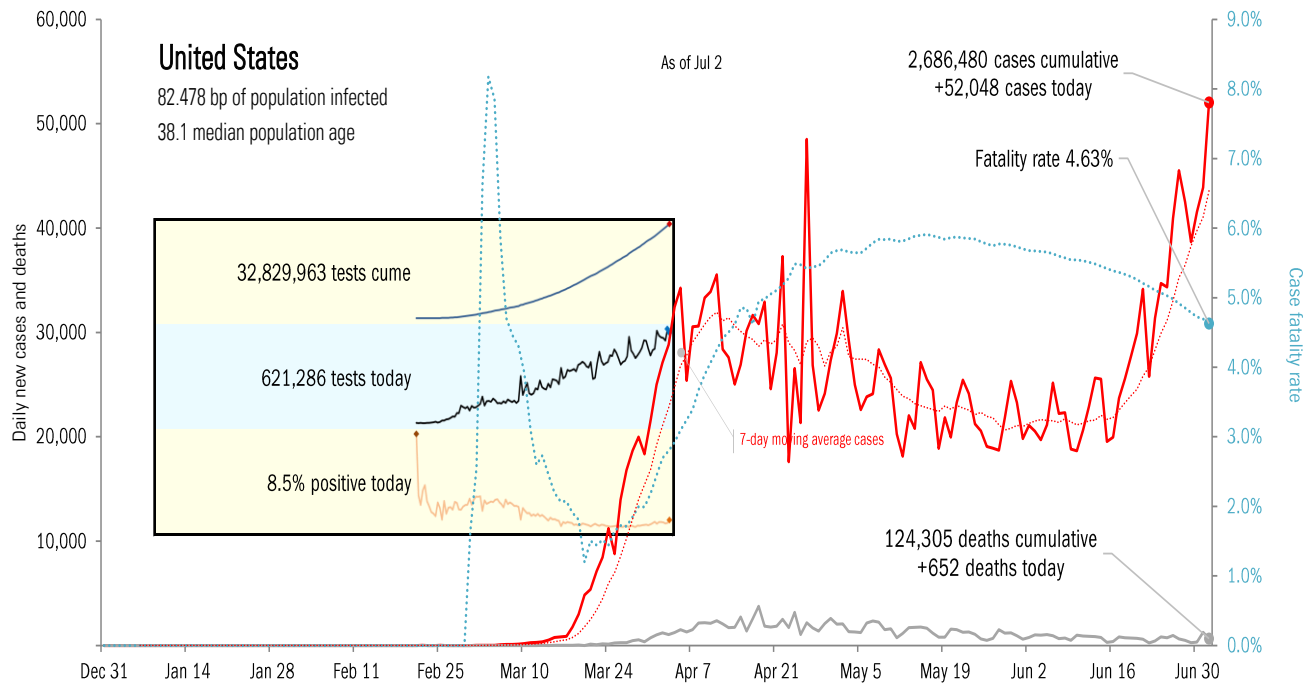
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
CA	+9,740	CA	+110	FL	+246	NY	394,079	NY	24,866	NY	89,995
TX	+8,076	AZ	+88	GA	+224	CA	232,657	NJ	15,078	NJ	20,054
FL	+6,563	TX	+57	NJ	+207	NJ	171,928	MA	8,081	FL	15,125
AZ	+4,877	FL	+46	AZ	+101	TX	168,062	IL	7,152	MA	11,352
GA	+2,946	NJ	+43	CH	+72	FL	158,997	PA	6,649	GA	11,275
LA	+2,083	NC	+30	MD	+58	IL	145,066	MI	6,198	MD	10,902
NC	+1,843	IL	+28	TN	+50	MA	109,143	CA	6,090	CT	10,268
TN	+1,806	MA	+27	CO	+47	PA	87,242	CT	4,324	VA	9,023
SC	+1,520	SC	+27	VA	+41	GA	84,237	FL	3,650	CH	7,911
CH	+1,076	VA	+23	WA	+38	AZ	84,092	LA	3,238	IN	7,095
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+40,530		+479		+1,084		1,635,503		85,326		193,000	
All states	+52,982	All states	+701	All states	+1,438	All states	2,674,813	All states	120,853	All states	243,846
Top ten	76%	Top ten	68%	Top ten	75%	Top ten	61%	Top ten	71%	Top ten	79%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
SC	-235	PA	-35	SC	-232	TX	+2,738
OK	-230	CH	-32	VA	-118	LA	+801
VA	-182	MI	-27	CH	-21	TN	+684
MI	-144	MO	-15	MS	-20	AR	+632
FR	-143	CO	-14	TN	-16	OK	+520



Source: States and test data [Covid Tracking Project](#), US data [ECDC](#), TrendMacro calculations

## Recommended reading

### [The Coronavirus Credibility Gap](#)

Joseph A. Ladapo  
*Wall Street Journal*  
July 1, 2020

### [Sen. Rand Paul Discusses Reopening Schools at HELP Committee Hearing](#)

*CSPAN*  
June 30, 2020

### [Half of All Covid Tests Are Positive in Mexico, Highest in World](#)

Sebastian Boyd and Andrea Navarro  
*Bloomberg*  
July 1, 2020

### [Sweden Launches Commission to Investigate Coronavirus Response](#)

Love Liman  
*Bloomberg*  
July 1, 2020

### [Germans rushed to reopen wallets after lockdown eased](#)

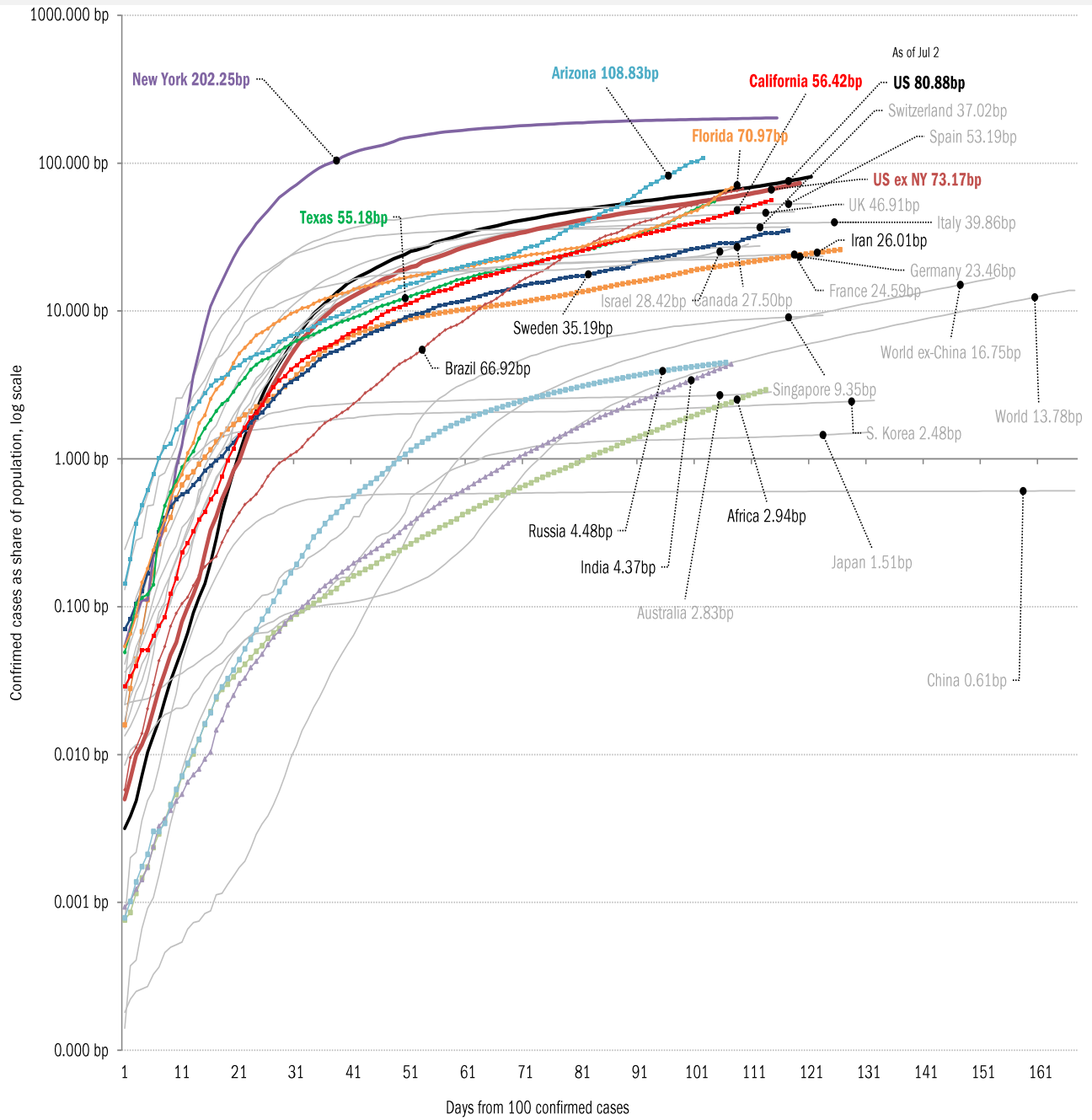
Martin Arnold  
*Financial Times*  
July 1, 2020

## Meme of the day



Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

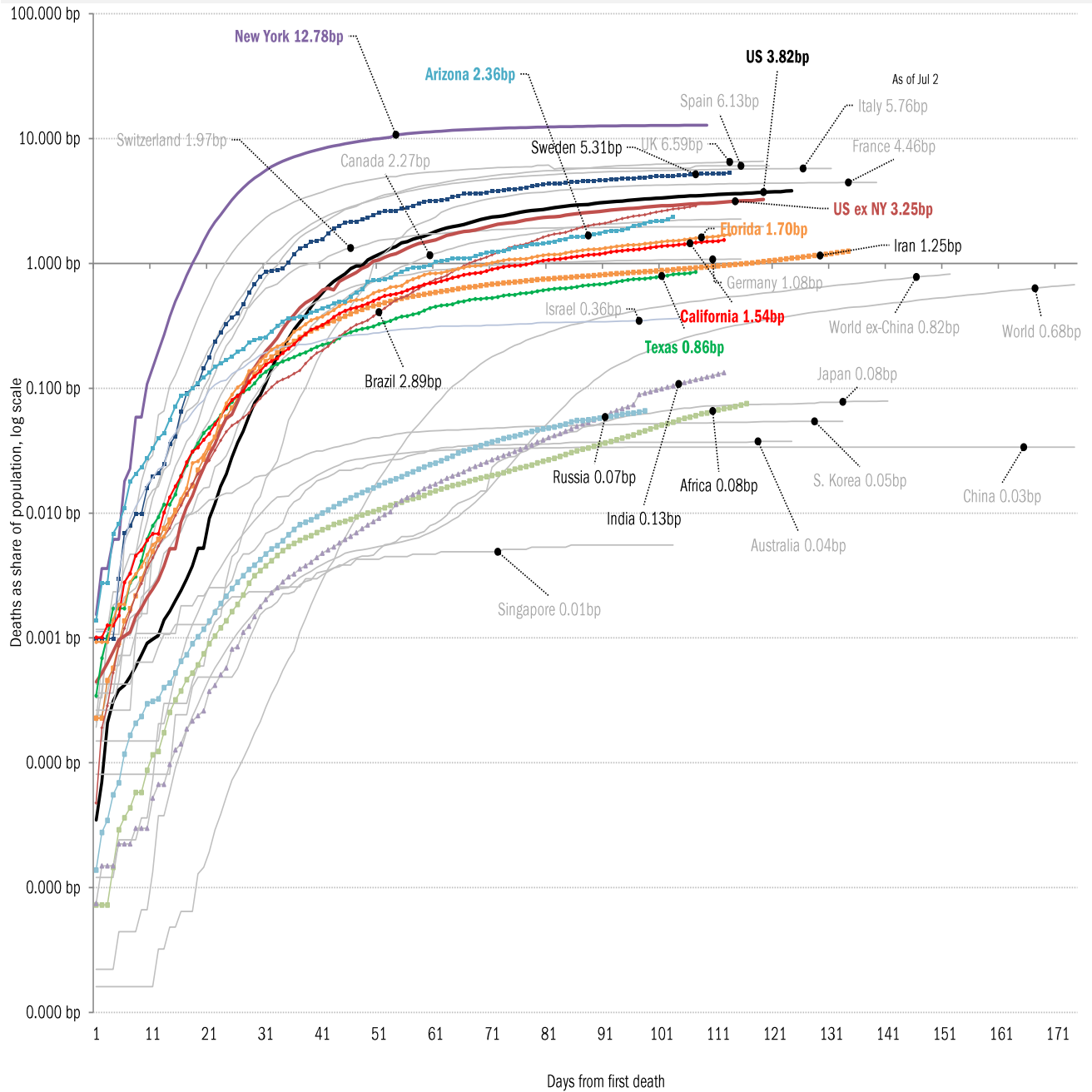
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

# The coronavirus mortality accelerometer ... tracking the world's fatality curves

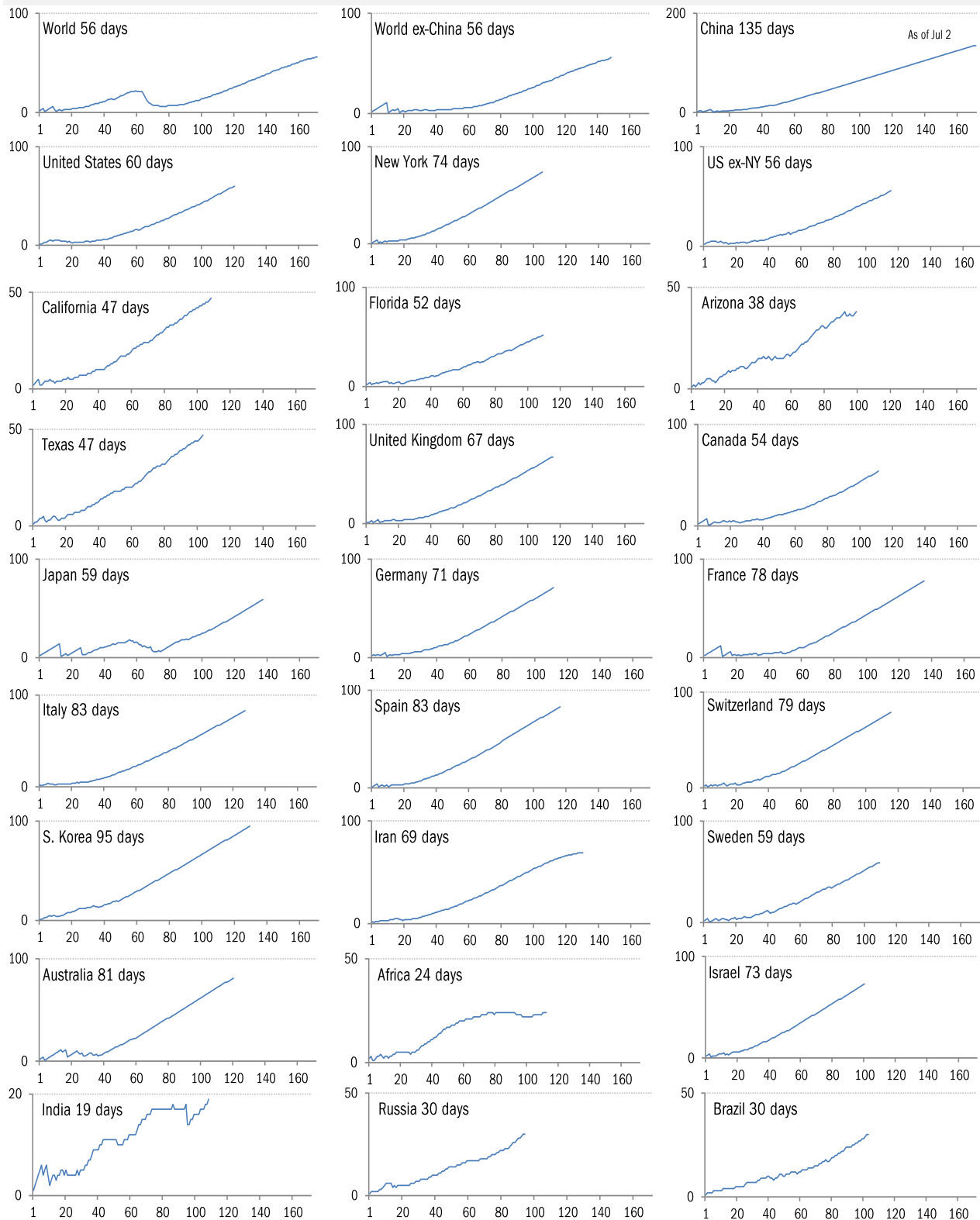
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

# Our most reliable evidence of slowing exponential growth of Covid-2019

Vertical: number of days it takes to double deaths Horizontal: days from first death

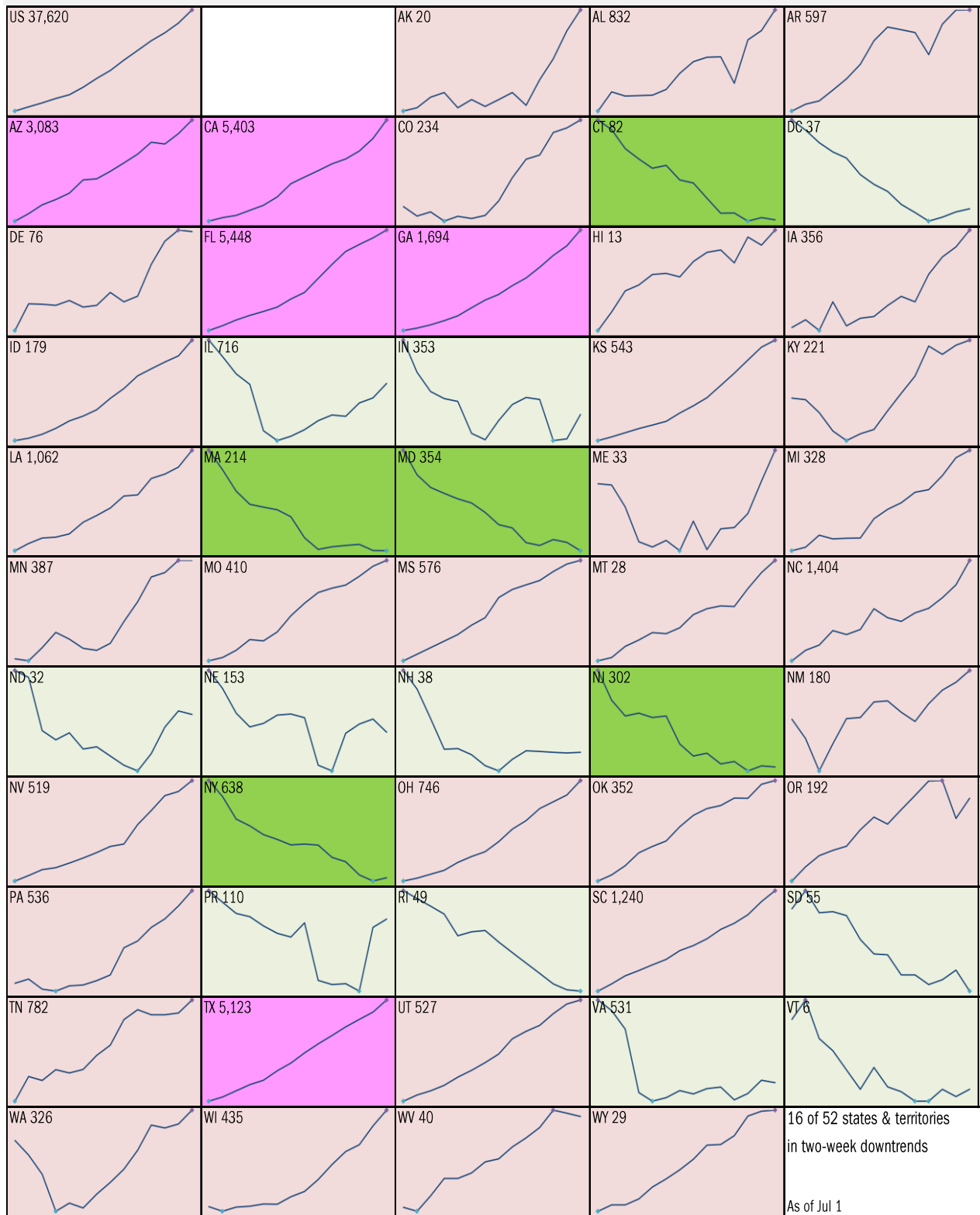


Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): 14-day “downward trajectory” in new cases

14-day moving average, last 14 days *Most recent value displayed* ● High ● Low

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



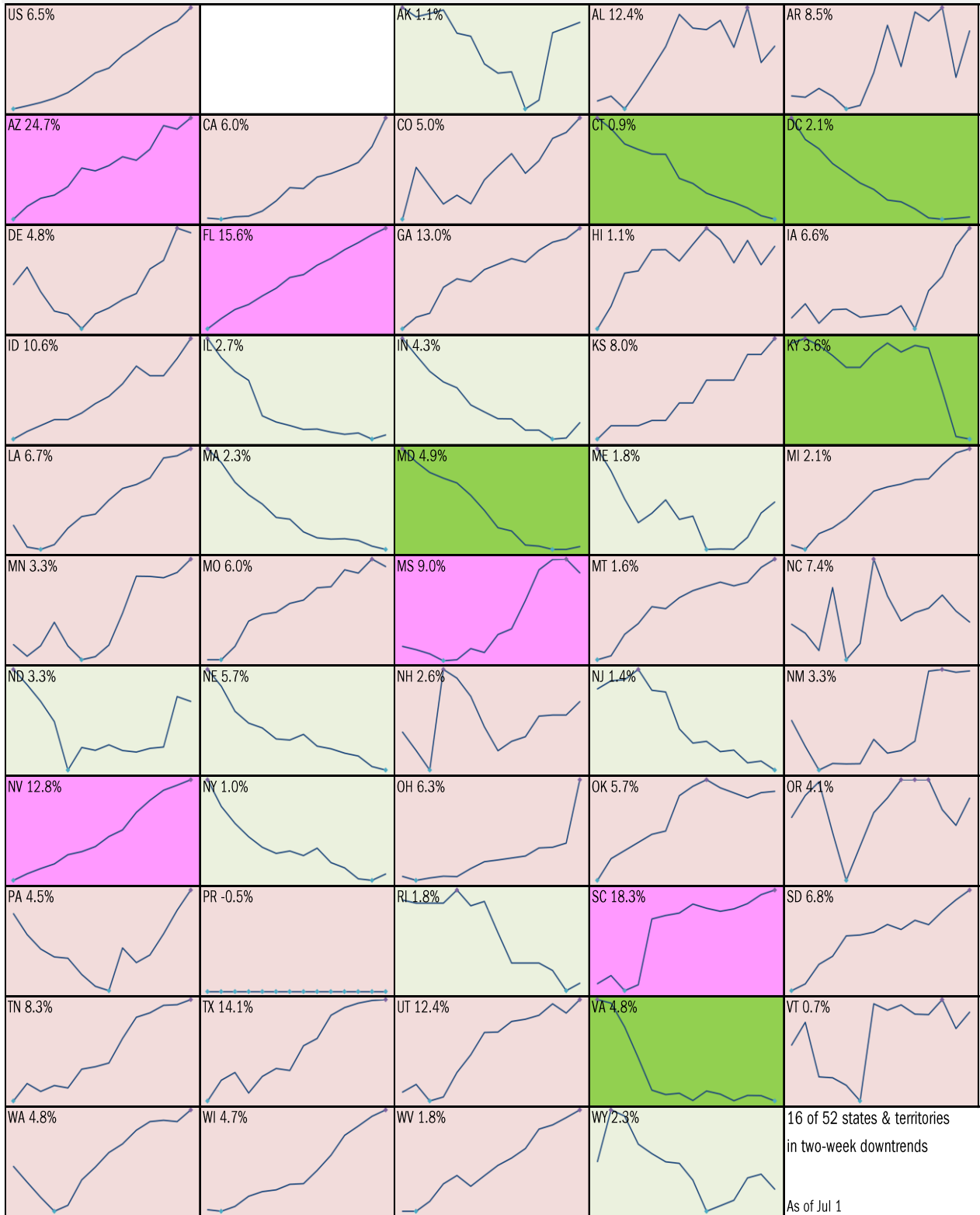
Source: [Covid Tracking Project](#), TrendMacro calculations



Alt requirement to [Open Up America Again](#): 14-day "downward trajectory" in pos tests

14-day moving average, last 14 days Most recent value displayed ● High ● Low

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



Source: [Covid Tracking Project](#), TrendMacro calculations

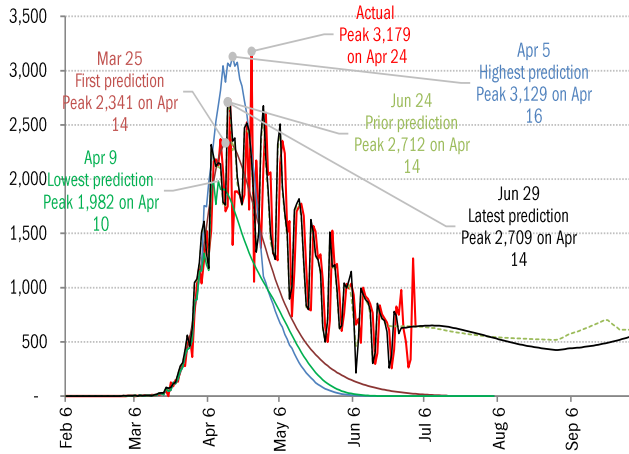


# Reality-checking the models: actuals versus [IHME predictions](#)

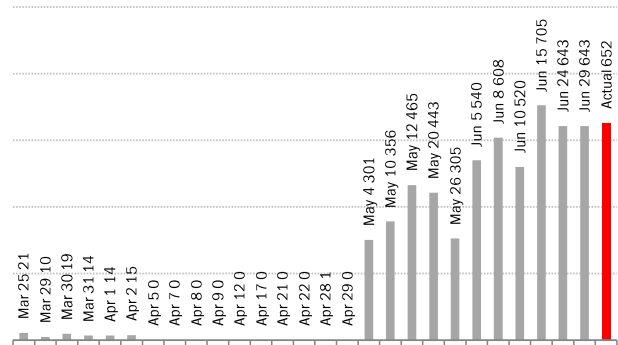
## New daily fatalities

As of Jul 2

Actual versus first, highest, lowest and latest model mean predictions

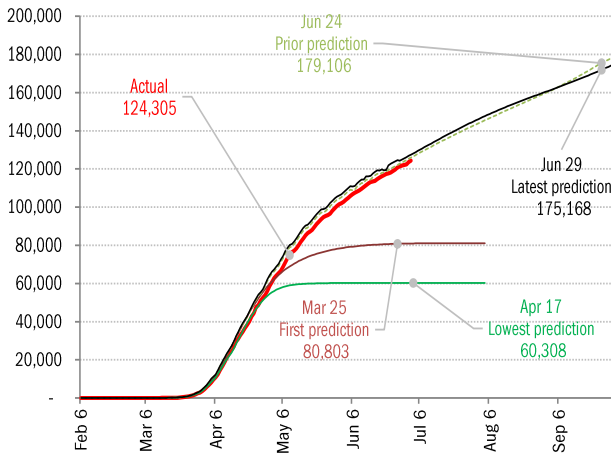


For this day, versus all model mean predictions

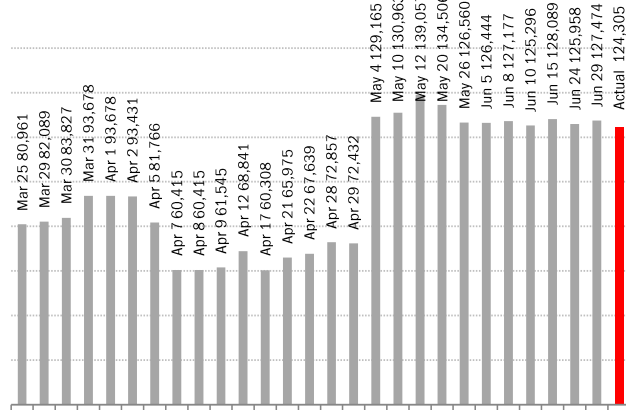


## Cumulative fatalities

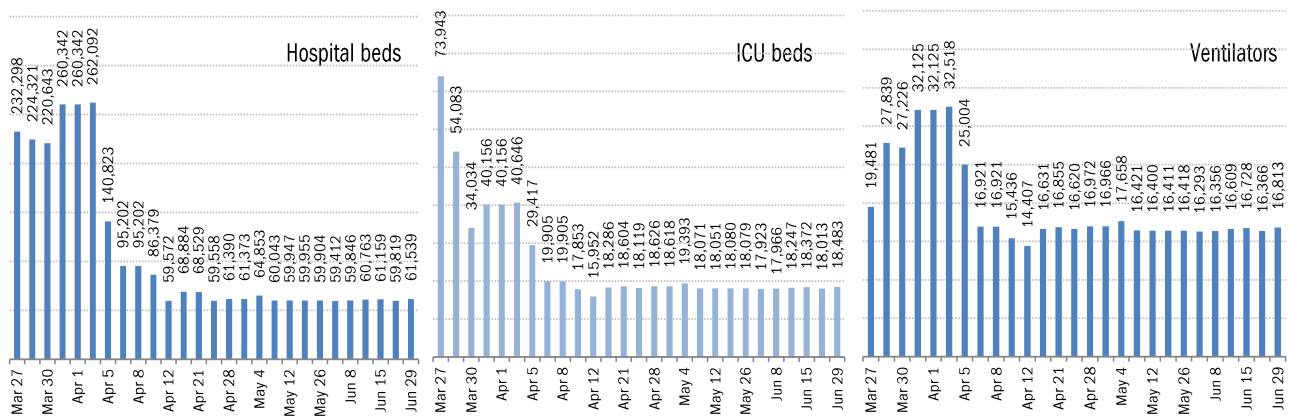
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

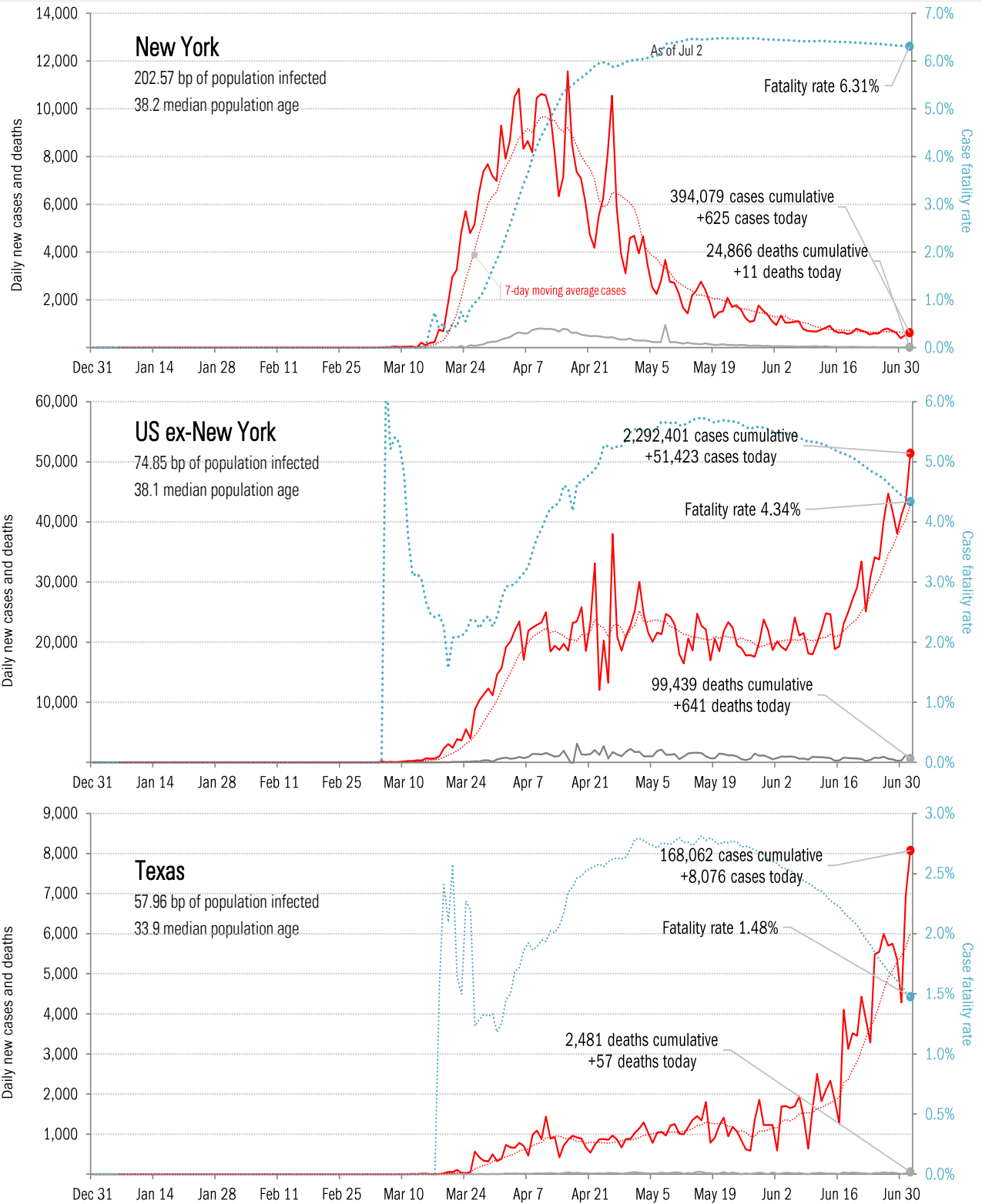


## Healthcare system stress, peak estimated at each model revision



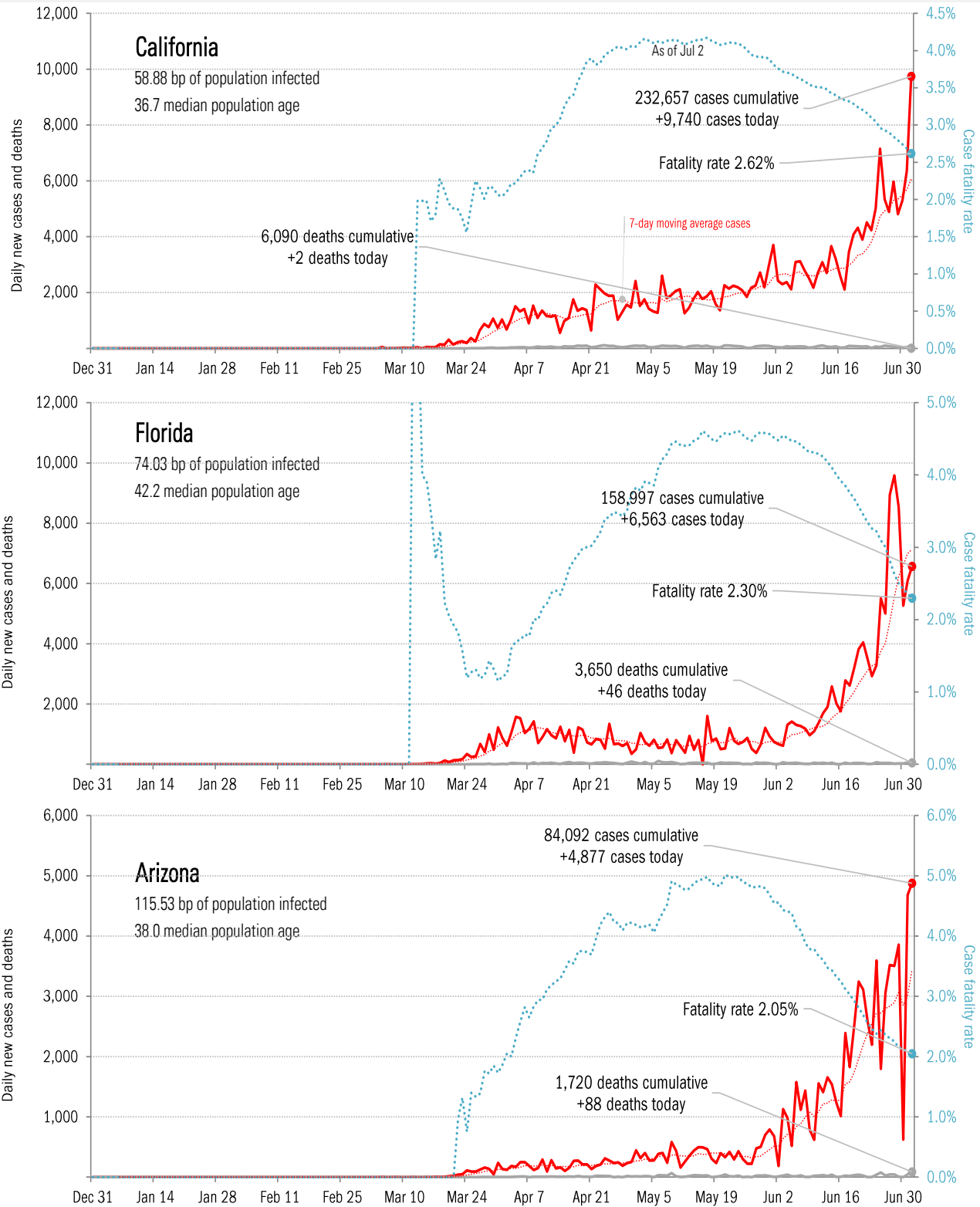
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



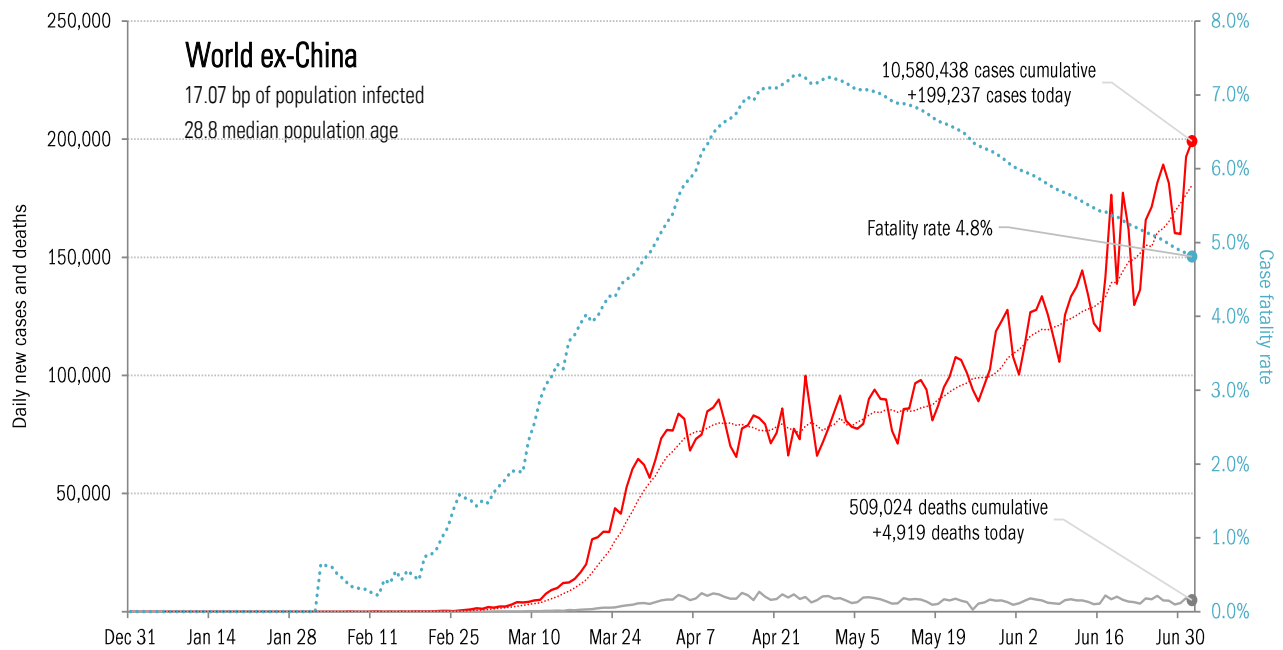
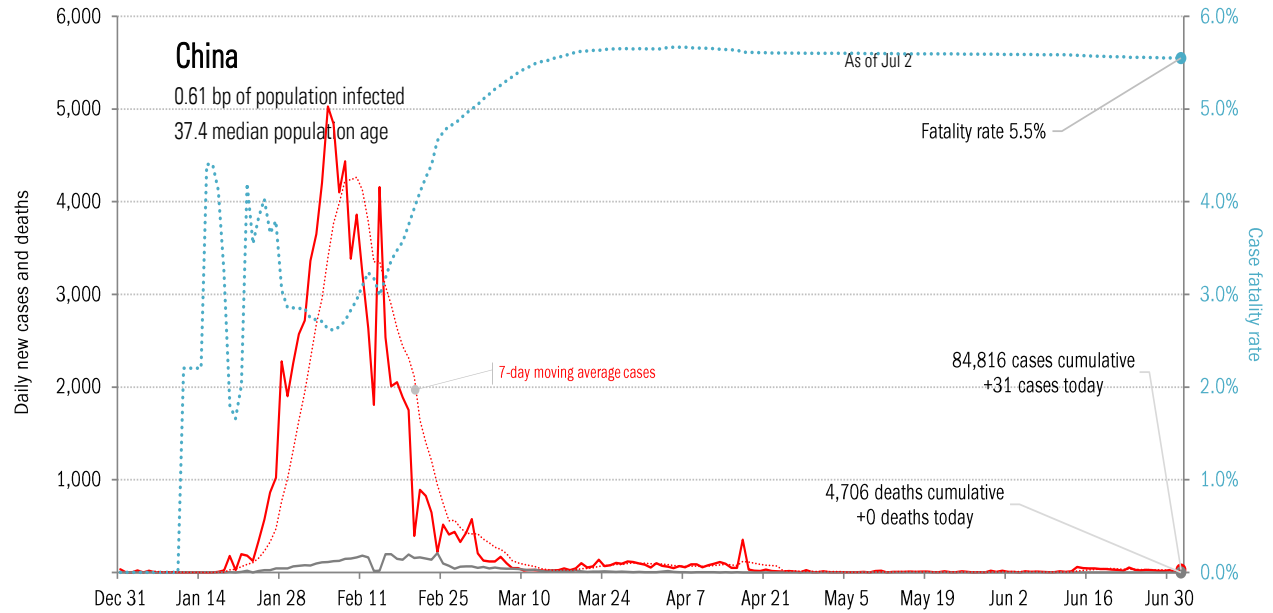
Source: [ECDC](#), TrendMacro calculations

# The "second wave" states (other than Texas)



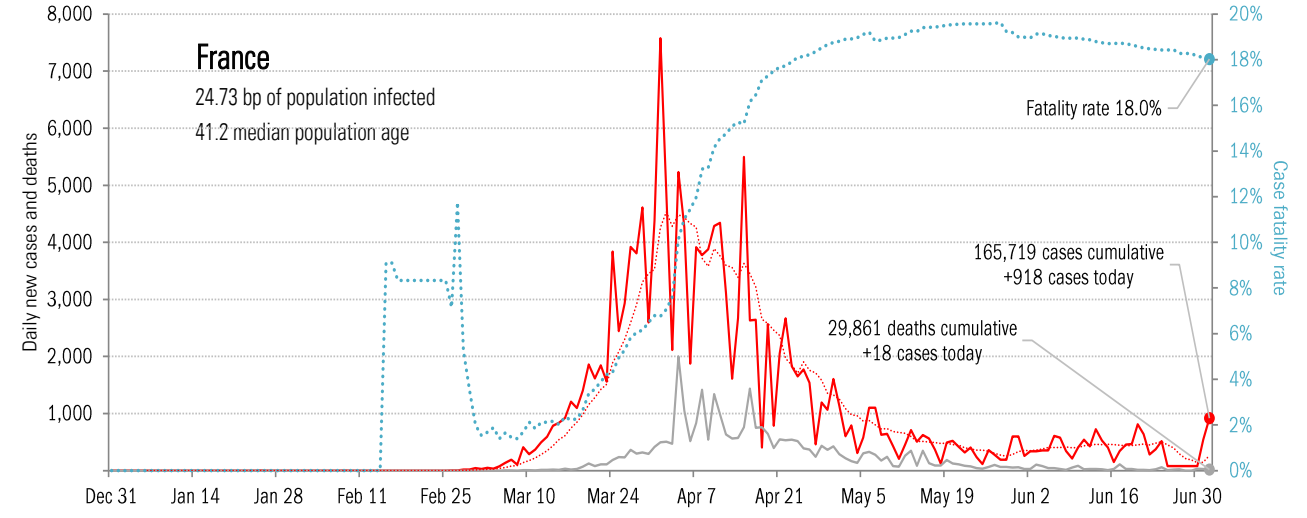
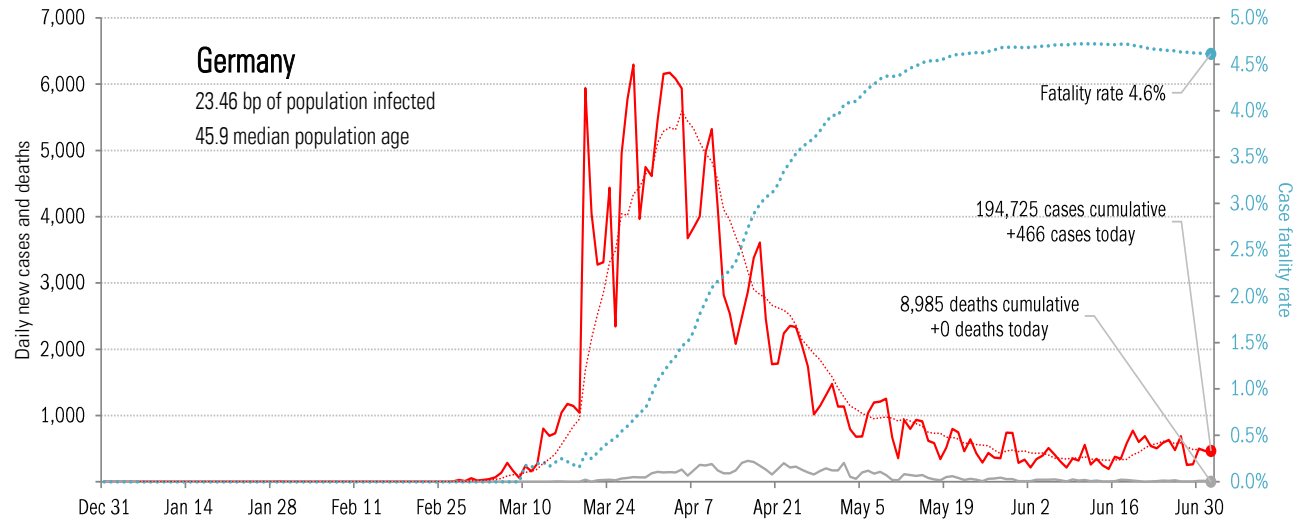
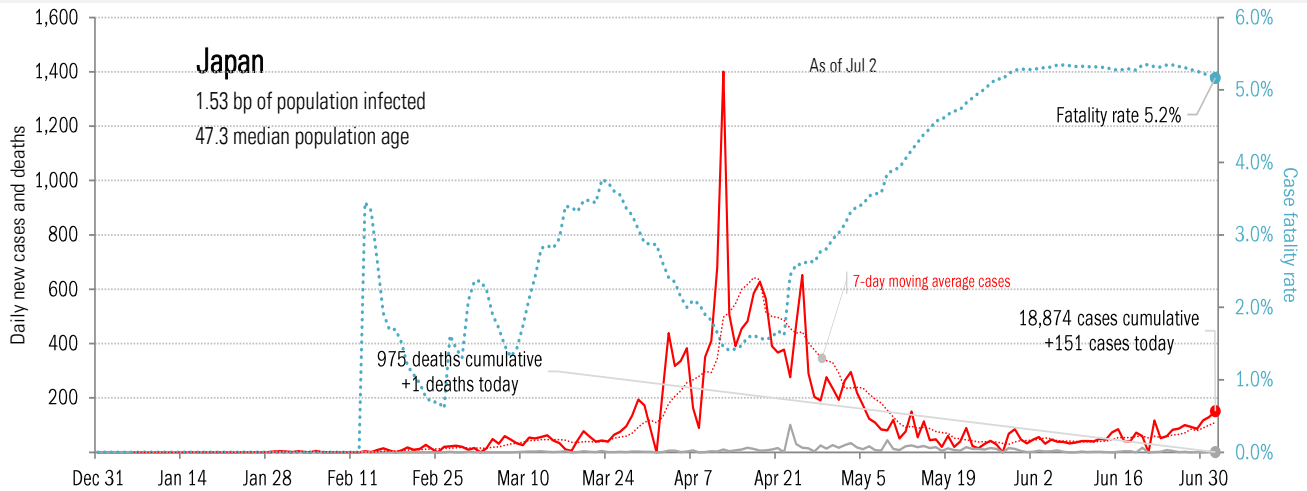
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



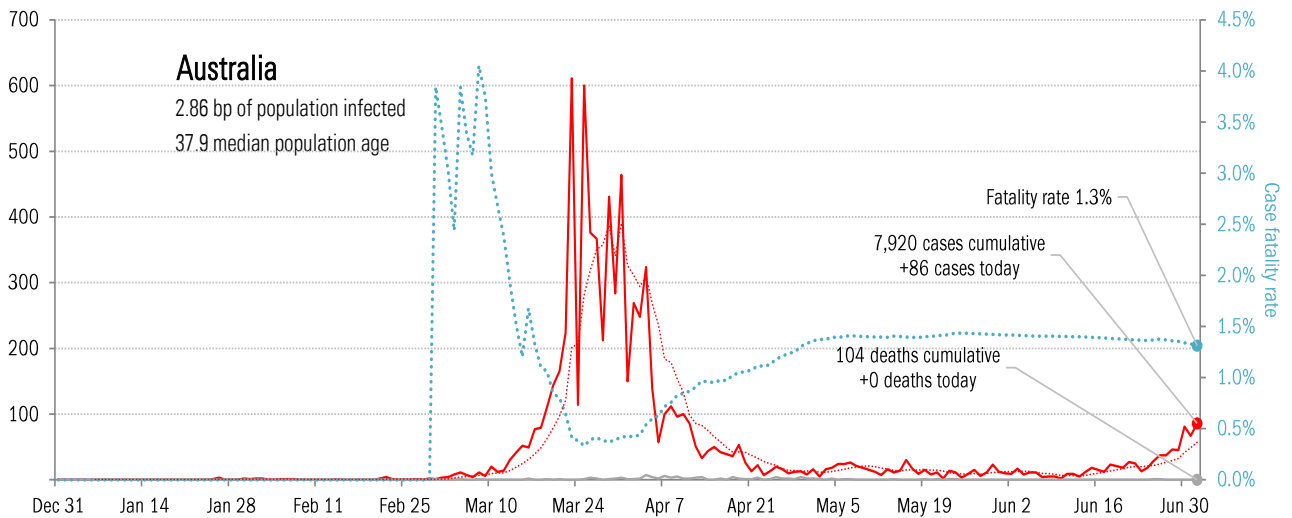
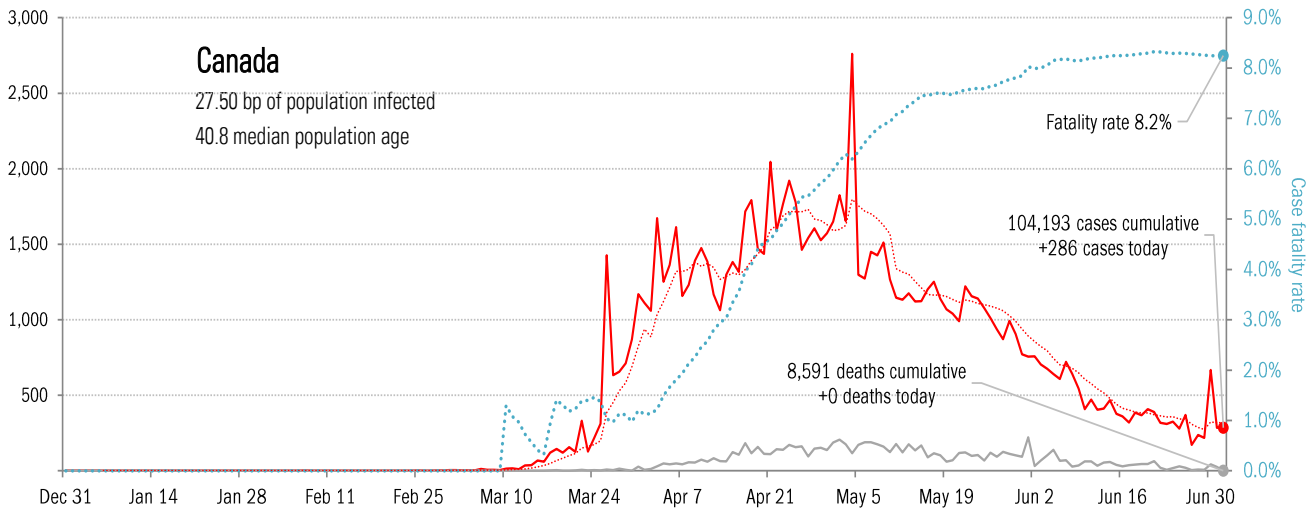
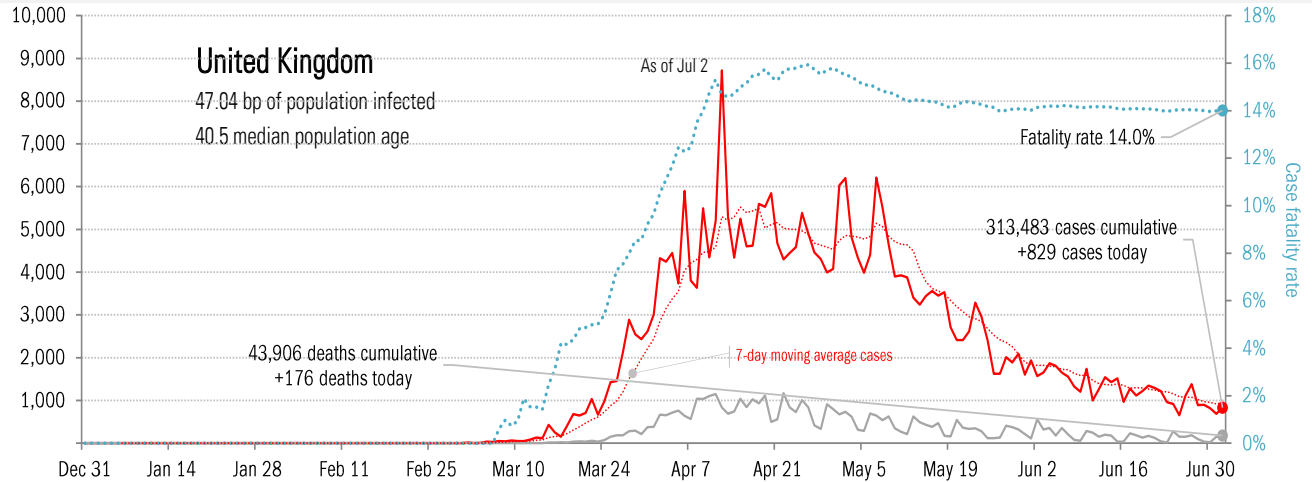
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



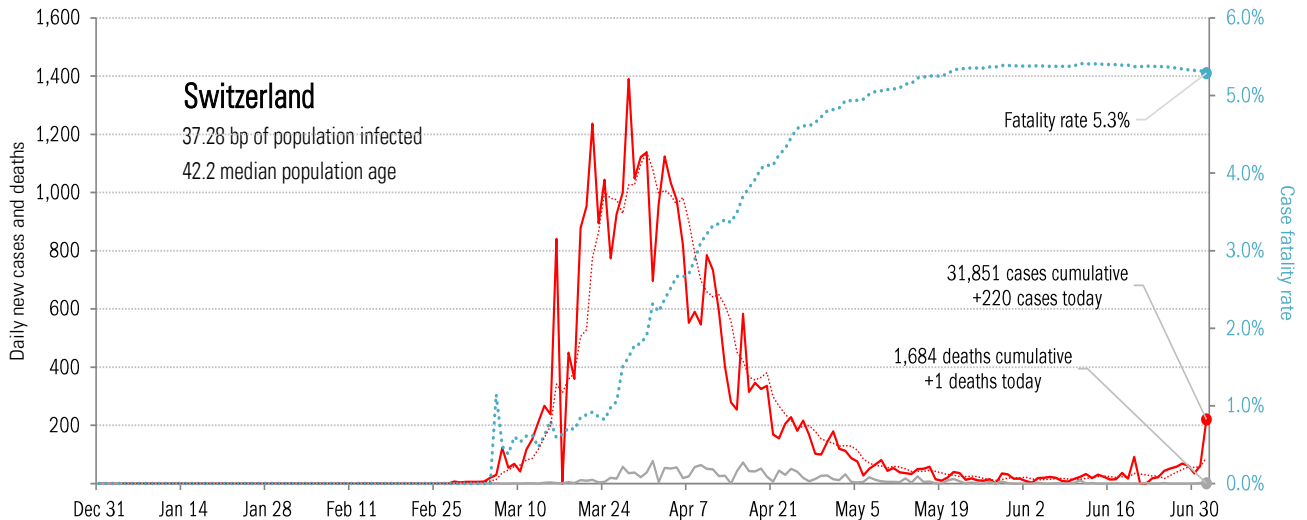
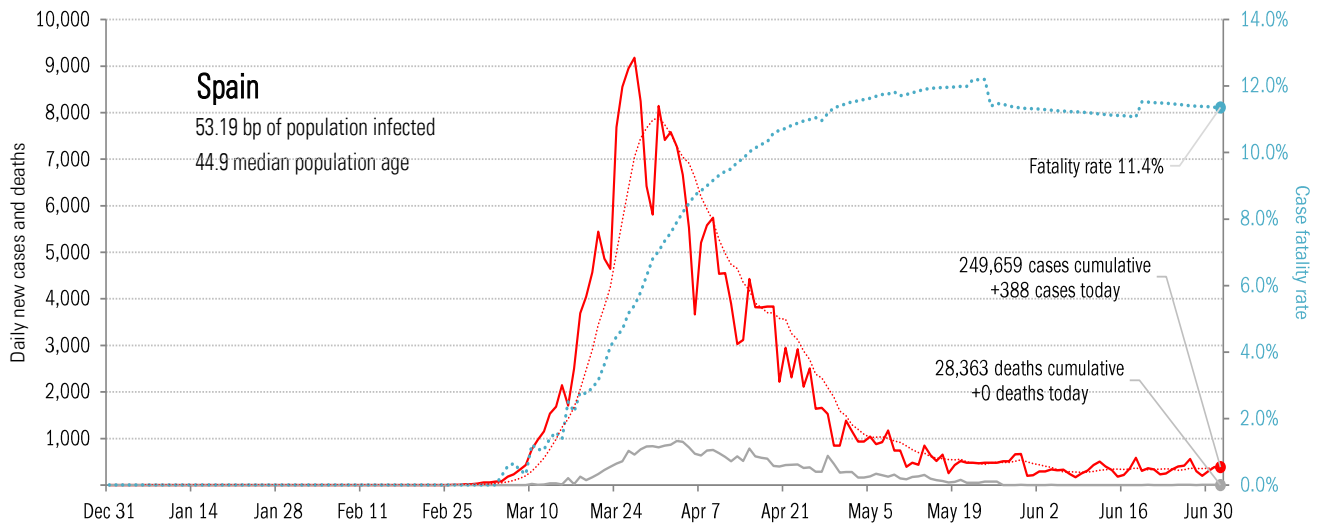
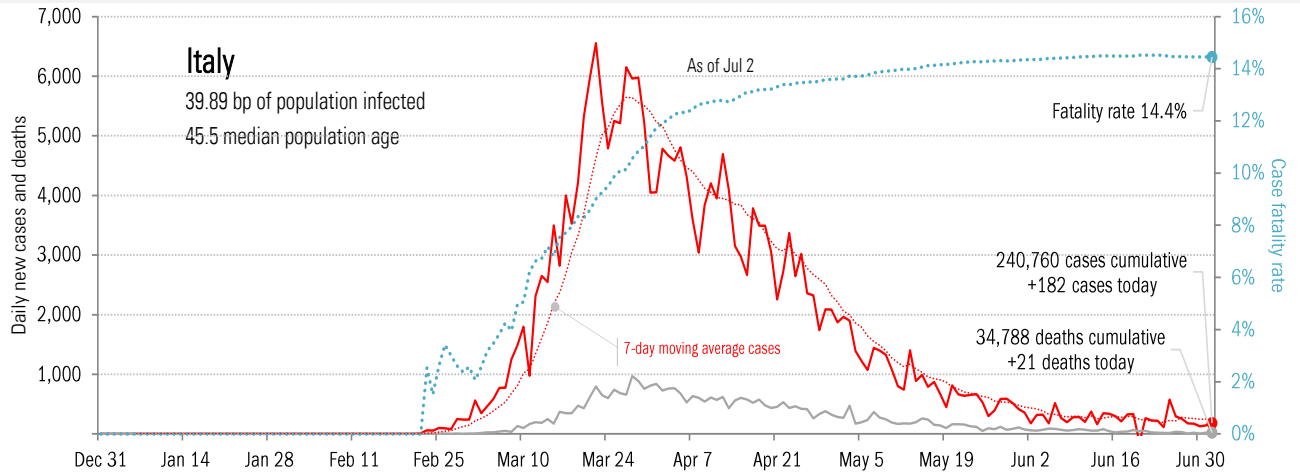
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



Source: [ECDC](#), TrendMacro calculations

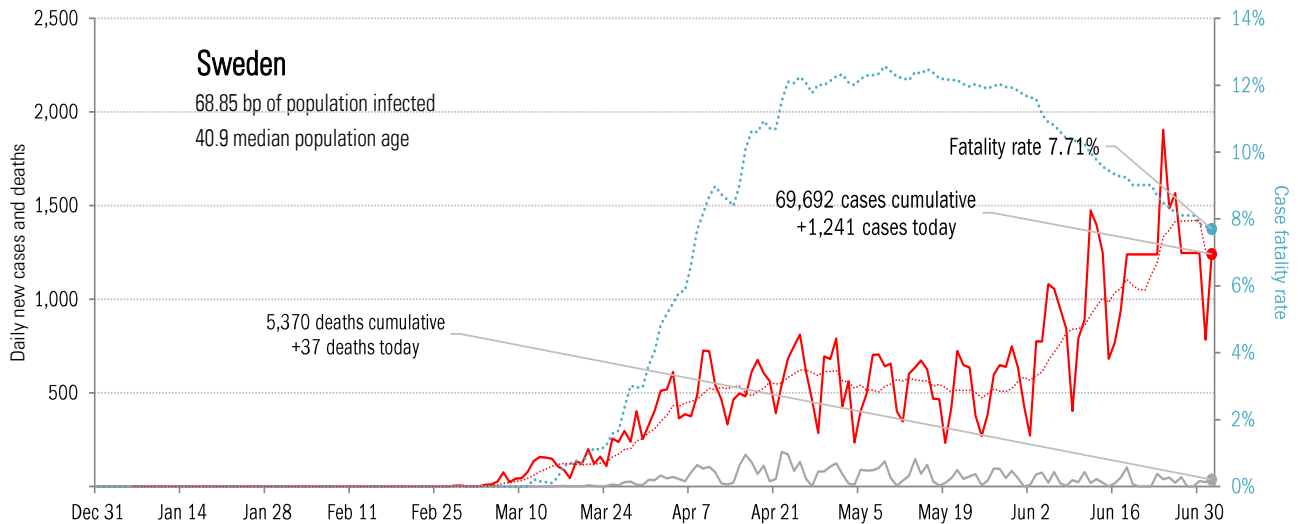
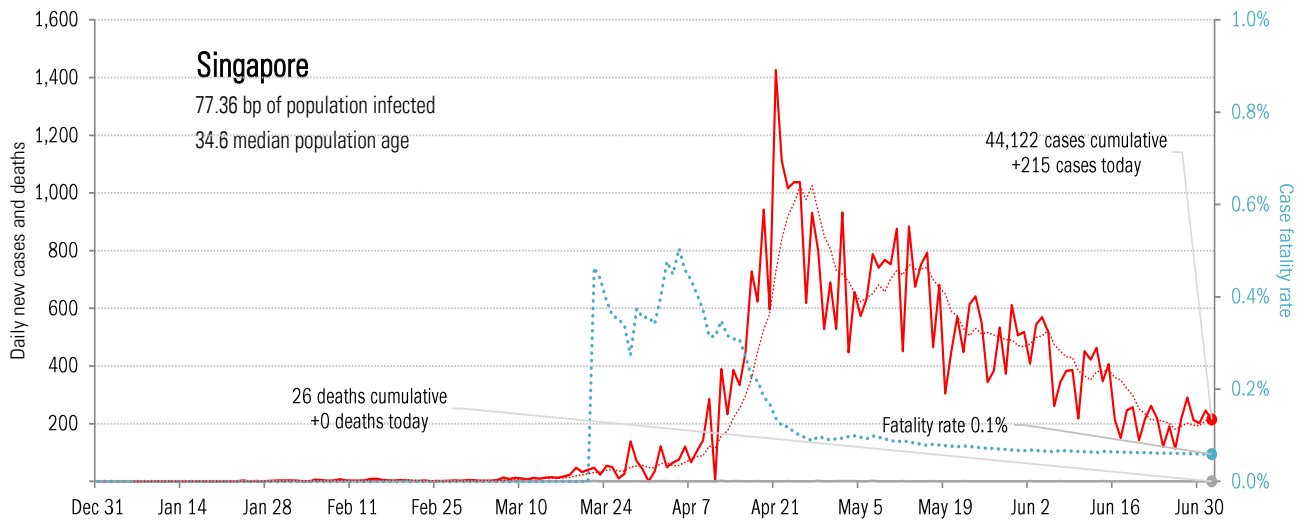
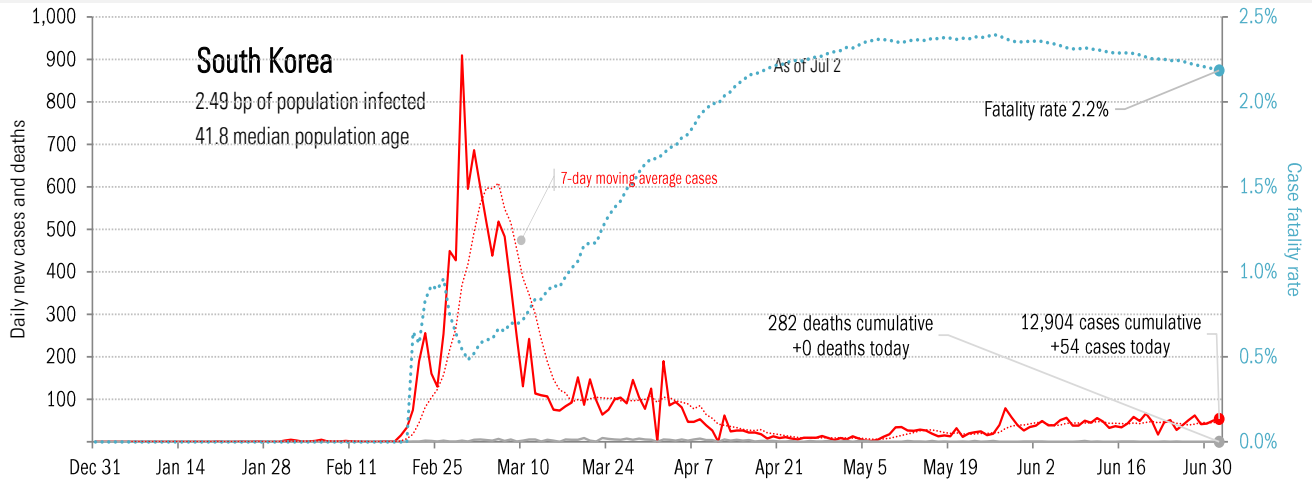
# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

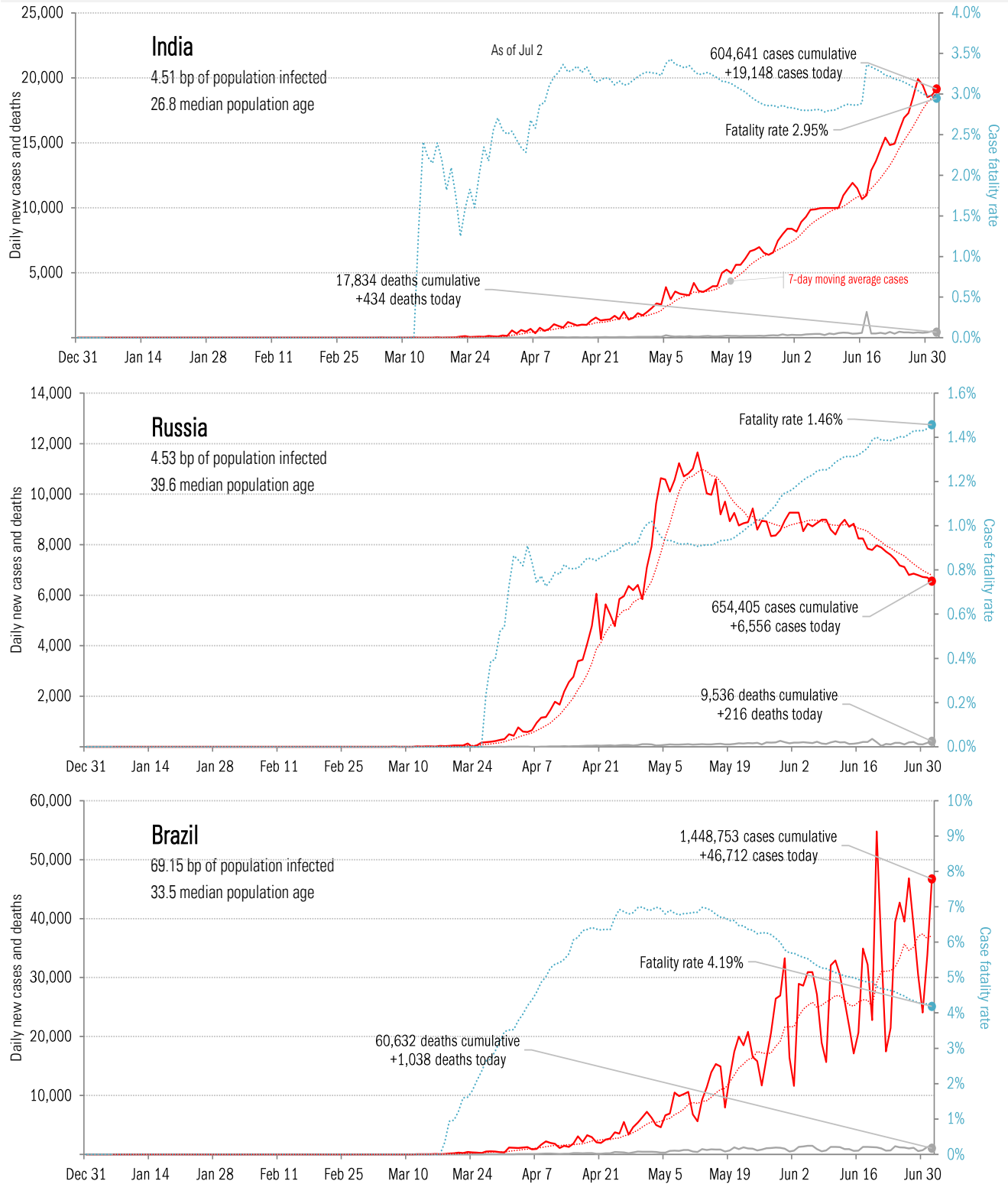


# Impact in other hot-spots



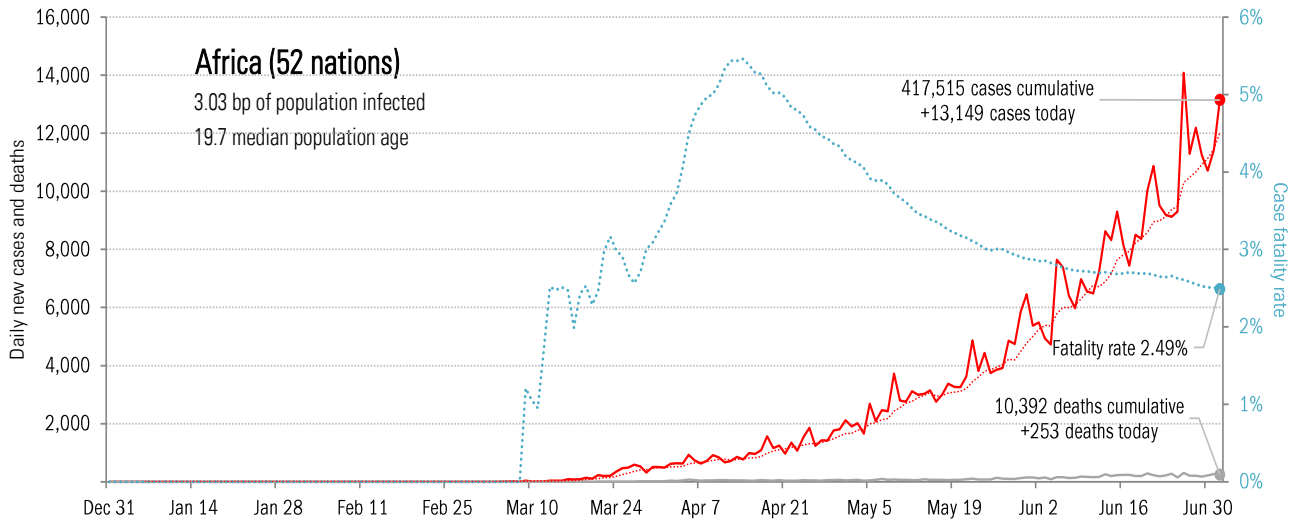
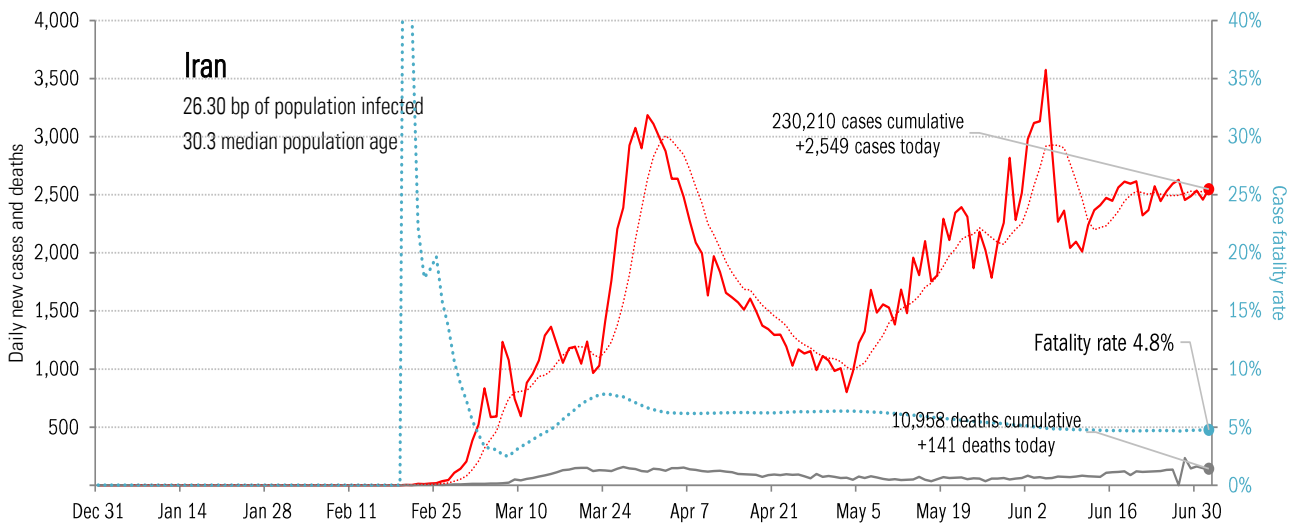
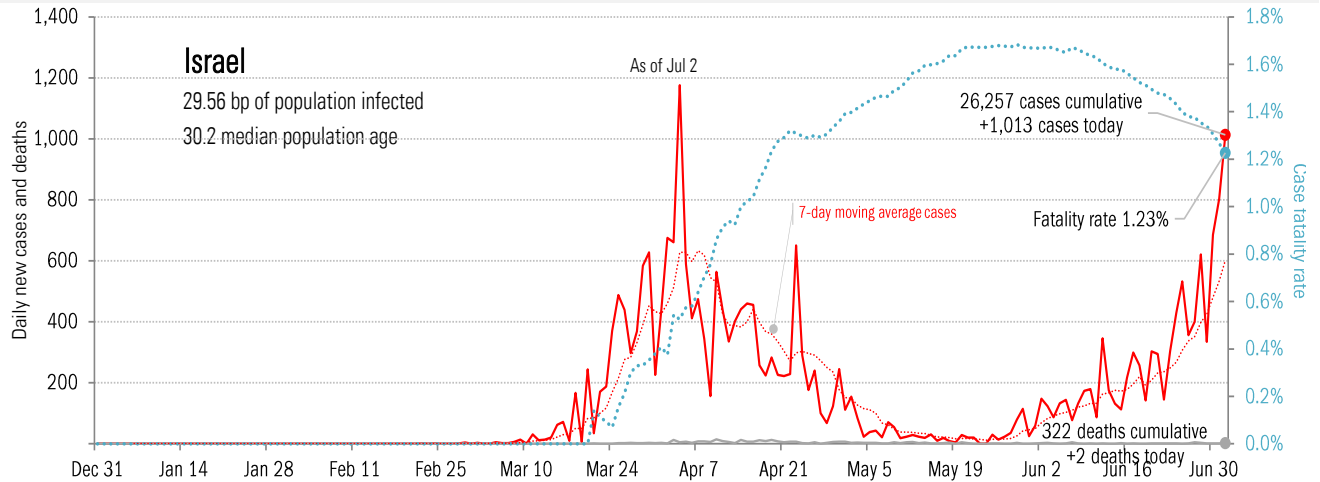
Source: [ECDC](#), TrendMacro calculations

# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations